

Online Geomatics Courses

- Analytical Fundamentals for Geomatics
- Digital Photogrammetric Systems
- Adjustment of Geospatial Observations
- Geographic Information Systems
- Coordinate Systems and Conformal Mapping
- Satellite Positioning
- Exploitation of Spaceborne Imaging Systems
- Advanced Geospatial Estimation
- Multi and Hyperspectral Remote Sensing

Terrestrial Image, distance 5-50m



Oblique Image, distance 100m+



Aerial Photograph, altitude 6000m



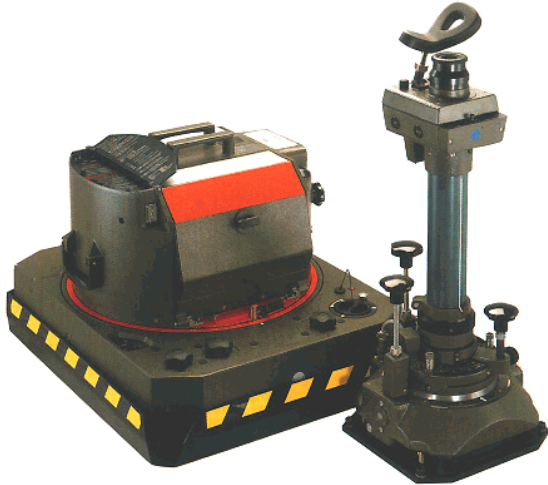
Quickbird, altitude 400km



Consumer Digital Cameras



Aerial Cameras



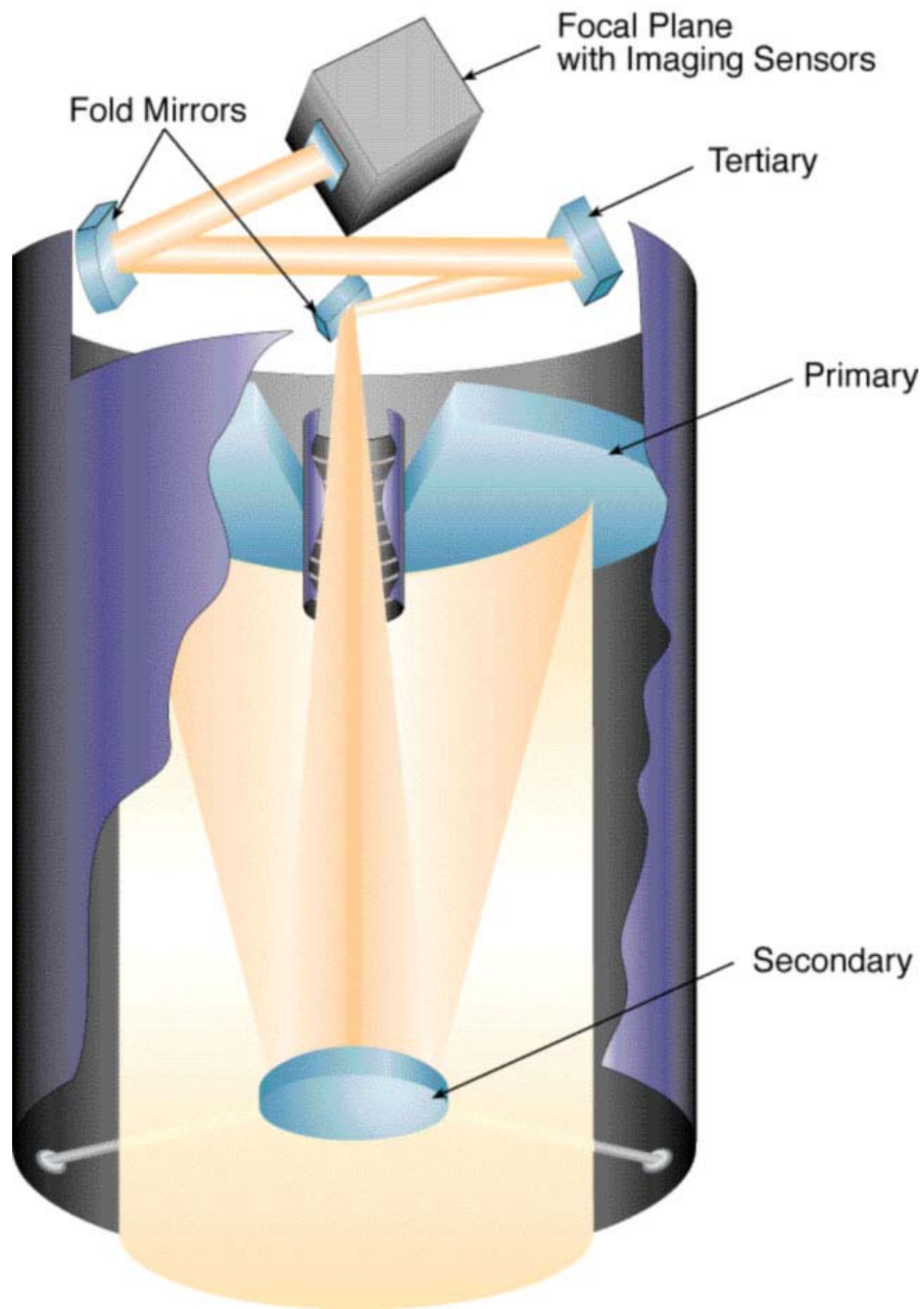
Lenses for Aerial Camera

Wide angle lens cone

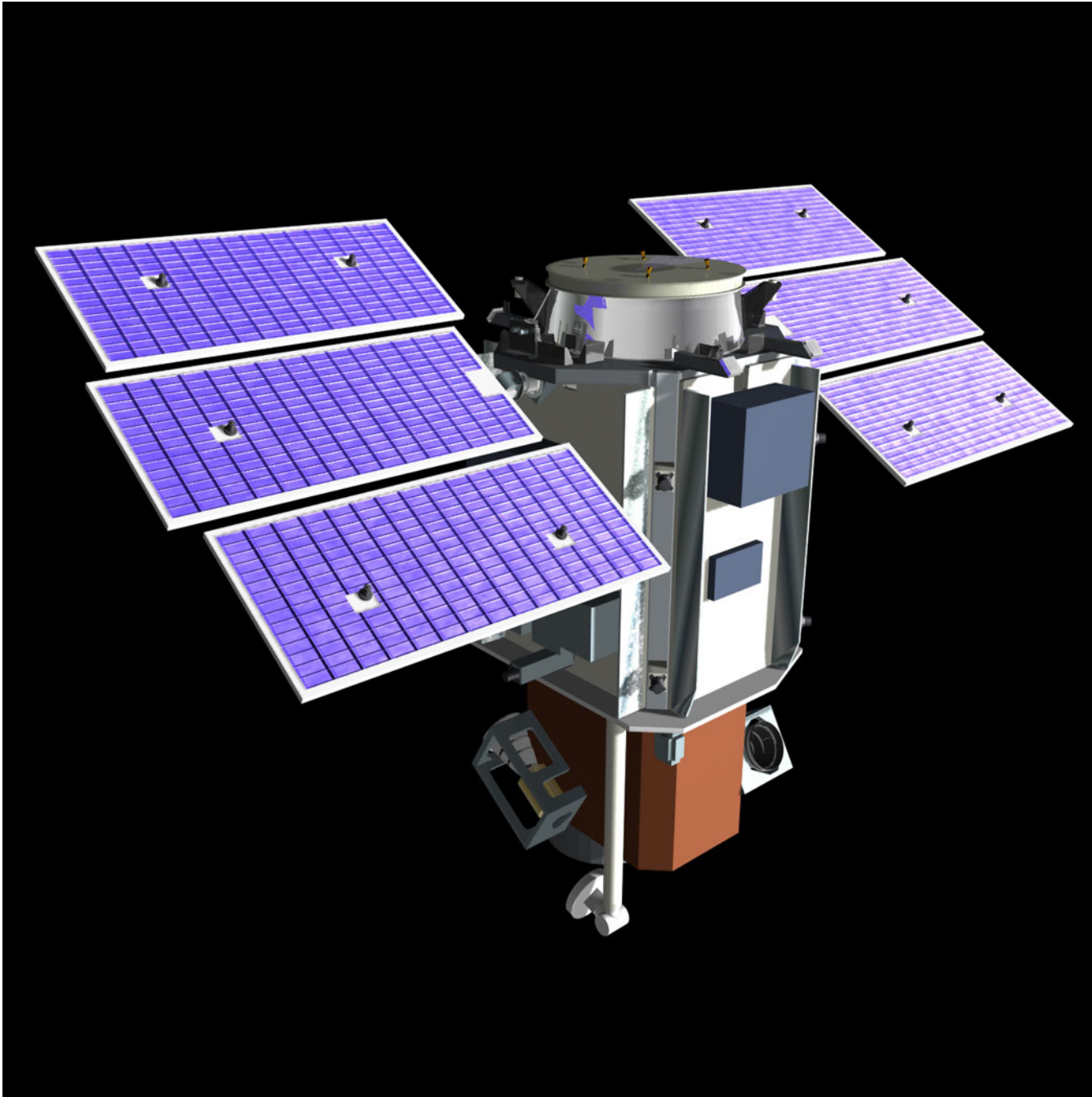


Normal angle lens cone





Schematic of IKONOS camera



Quickbird

Orbview 3



Signalized Ground Control Point



Signalized GCP



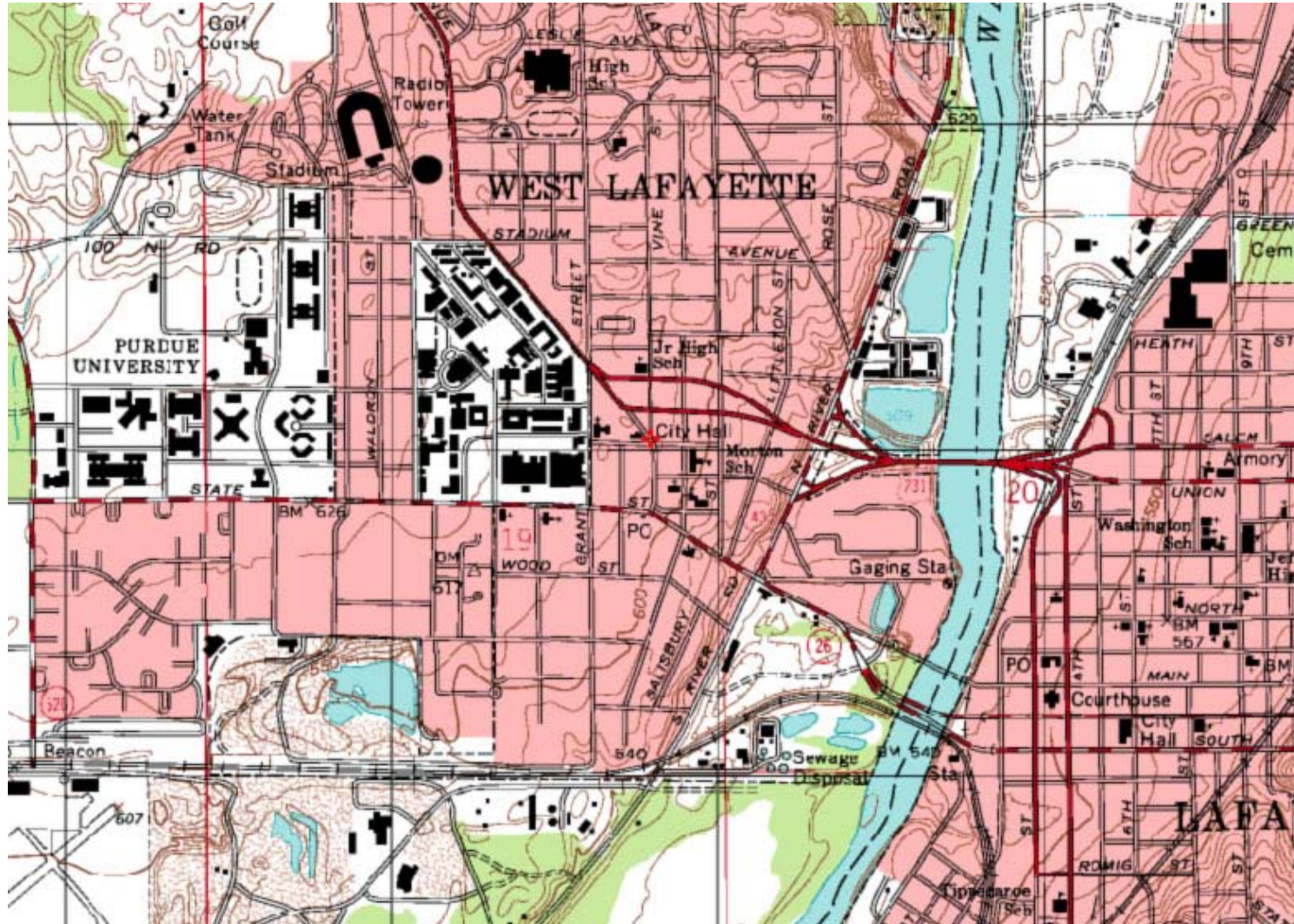
Signalized GCP, Area Context



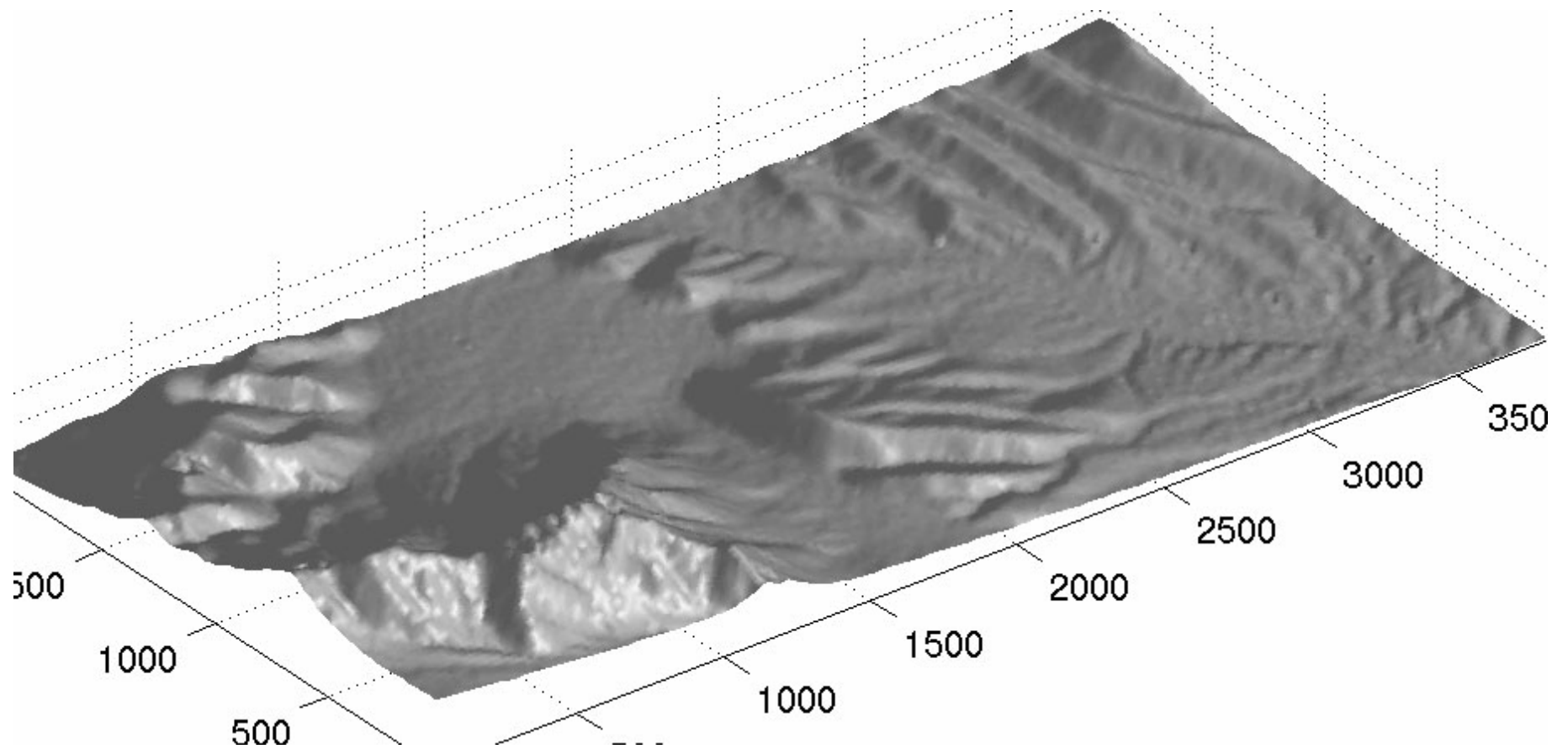
Products: Coordinate List

Name	East	North	Height
STNE	914033.105	575906.022	205.029
MACK	914240.575	575735.100	193.806
BBLL	913565.598	575312.949	188.413
LILY	913918.320	574521.670	189.121
UNION	914669.074	574627.642	187.221
FOOD	914259.905	574429.529	188.090
T019	914270.793	575432.323	191.420
PH11	914684.629	575022.082	186.935
CHEM	914390.023	574830.733	188.652
PH12	913928.634	575198.475	189.874
HISC	914661.357	575767.410	192.104

Products: Topographic Map

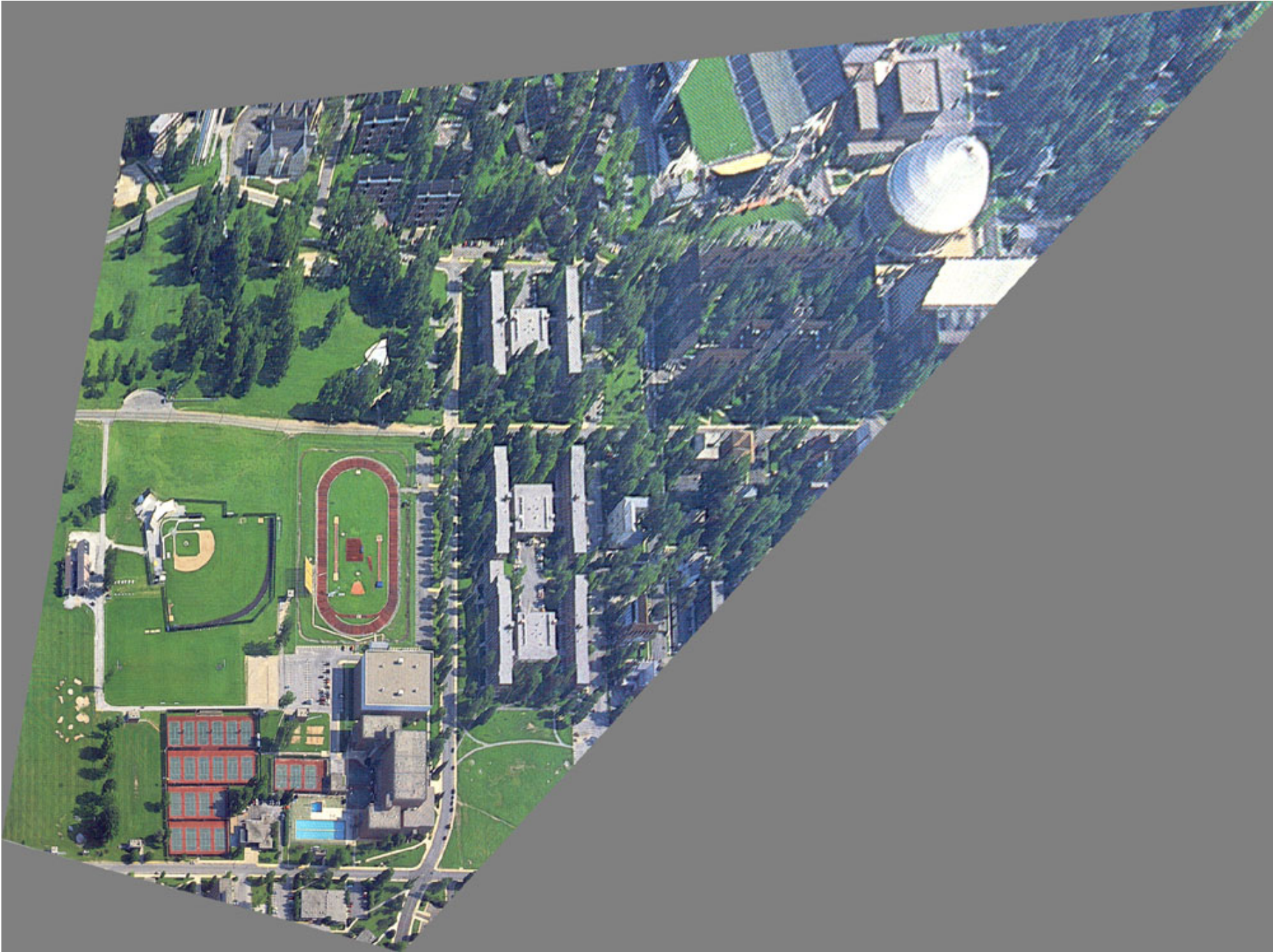


Products: DEM, DSM



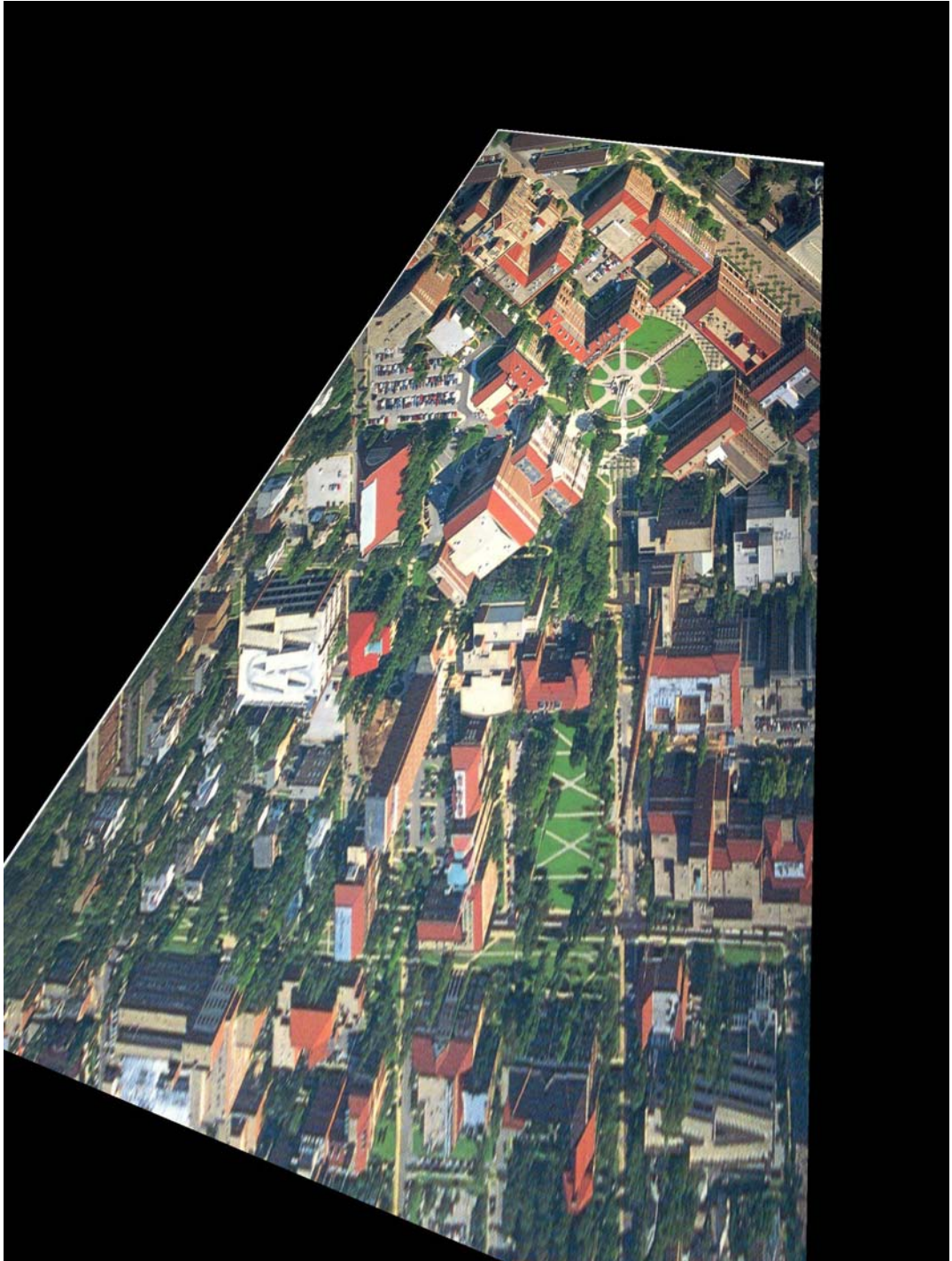
Products: Oblique & Rectified





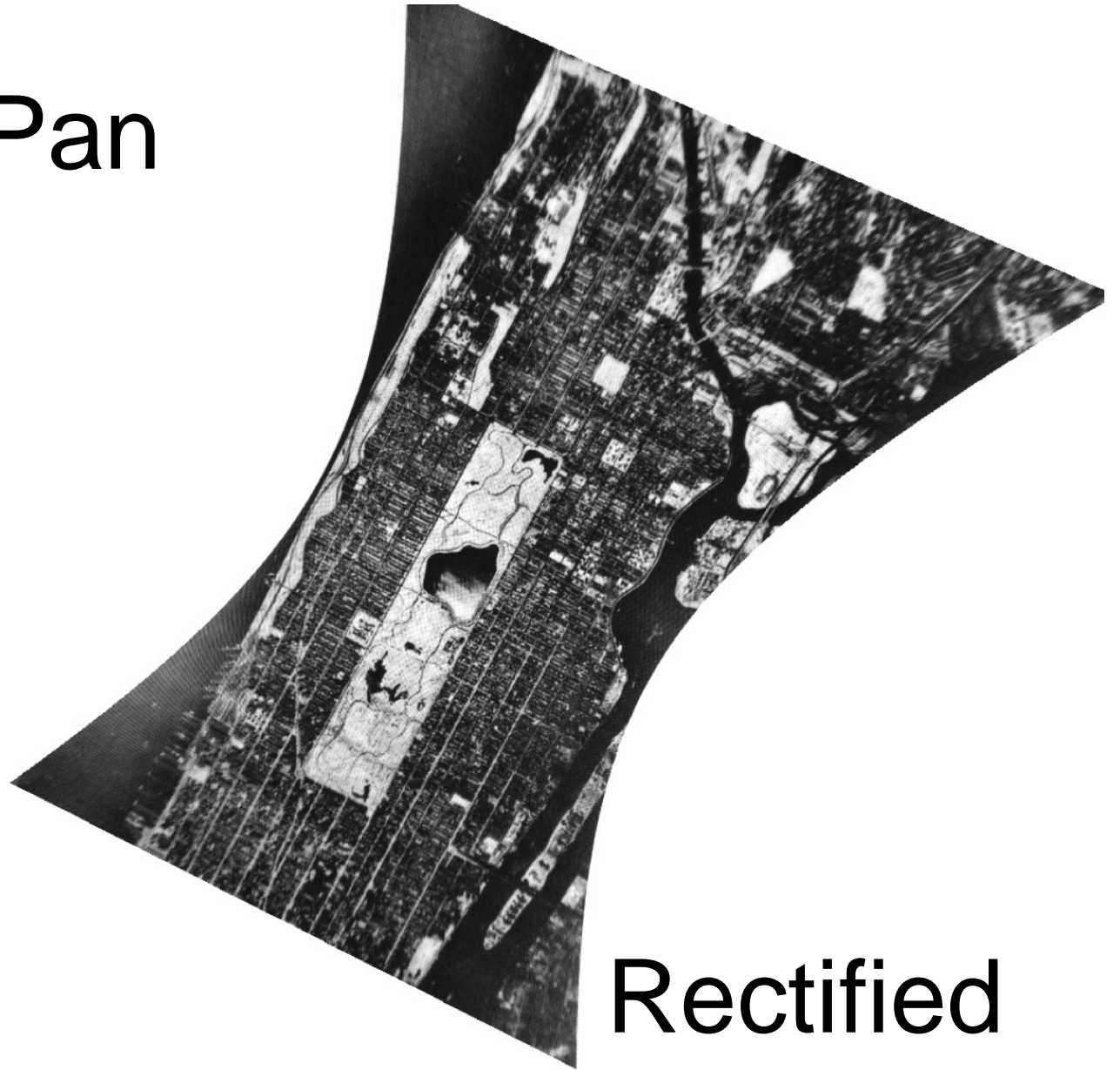
Products: Oblique & Rectified







Pan



Rectified

Products: